Two PhD students (f/m/x) in the area of Molecular Biology

The University of Cologne offers a wide range of scientific disciplines and internationally leading profile areas organized in six faculties. At the Faculty of Medicine 1,800 scientists are engaged in research, ranging from basic sciences to clinical application, as well as teaching and health care. Together with the University Hospital Cologne the faculty maintains 58 clinics, research institutes and centres. 3,400 students study in this dynamic and innovative environment. The Faculty of Medicine and the University Hospital Cologne are embedded in the scientifically highly active Rhine region. They have strong contacts to and alliances with the surrounding universities and non-university research institutions guaranteeing scientific excellence in research and teaching.

As part of our newly established, DFG-funded, collaborative research center (Sonderforschungsbereich) 1403 (Cell Death in Immunity, Inflammation and Disease) we are hiring

Two PhD students in the area of Molecular Biology

This position (TV-L, 65%) is available immediately in the group of Dr. Nieves Peltzer in the Department of Translational Genomics in association with CMMC and CECAD. The third-party-funded position is limited to 3 years according to the Law (WissZeitVG).

The Peltzer group aims at gaining a better understanding of the interplay between cell death and inflammation in chronic diseases and in cancer. Her group focuses on the signal transduction mechanisms that induce cell death and on the effects of different modalities of cell death on inflammation, infection and autoimmunity (Peltzer et al. Cell Reports 2014, Peltzer et al. Nature 2018, Peltzer and Walczak Trends in Immunology 2019). The group has as overarching aims the discovery of targets within programmed cell death signaling pathways to propose therapeutic options for chronic inflammatory conditions. To achieve this, state-of-the-art *in vivo* disease models will be employed in combination with genomics and imaging techniques.

Your profile:

- Master degree (or equivalent) in a relevant field (e.g. biology, medicine, pharmacy)
- Basic knowledge of cell biology
- Prior research experience
- High degree of excitement and the ability to drive projects independently
- Team spirit as well as excellent communication skills

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We offer:

- A multidisciplinary and innovative research environment
- Intensive mentoring and support for your scientific career
- Multiple interactions with global leaders, both from academia and industry
- Participation in numerous seminars within the field of cell death, inflammation and cancer biology.

Your salary will be based on TV-L.

Applications from female candidates are expressly welcome and will be given priority in the event of equal suitability, competence and professional performance.

People with disabilities are welcome to apply and will be treated preferentially in the event of equal suitability and qualification.

Please address e-Mail enquiries to Dr. Peltzer at m.peltzer@uni-koeln.de.

Further information is available [here](https://backend.jobs-uk-koeln.de/hr_frontend/job/tmp_html/jobad1324.html?delCache... 07.05.2020).

Have we awakened your interest? Please submit your application (including a detailed CV, list of publications, two references and a brief statement of research interests) online form on our "Careers" site **by 31. May 2020**.

Please apply if possible via the online portal.

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